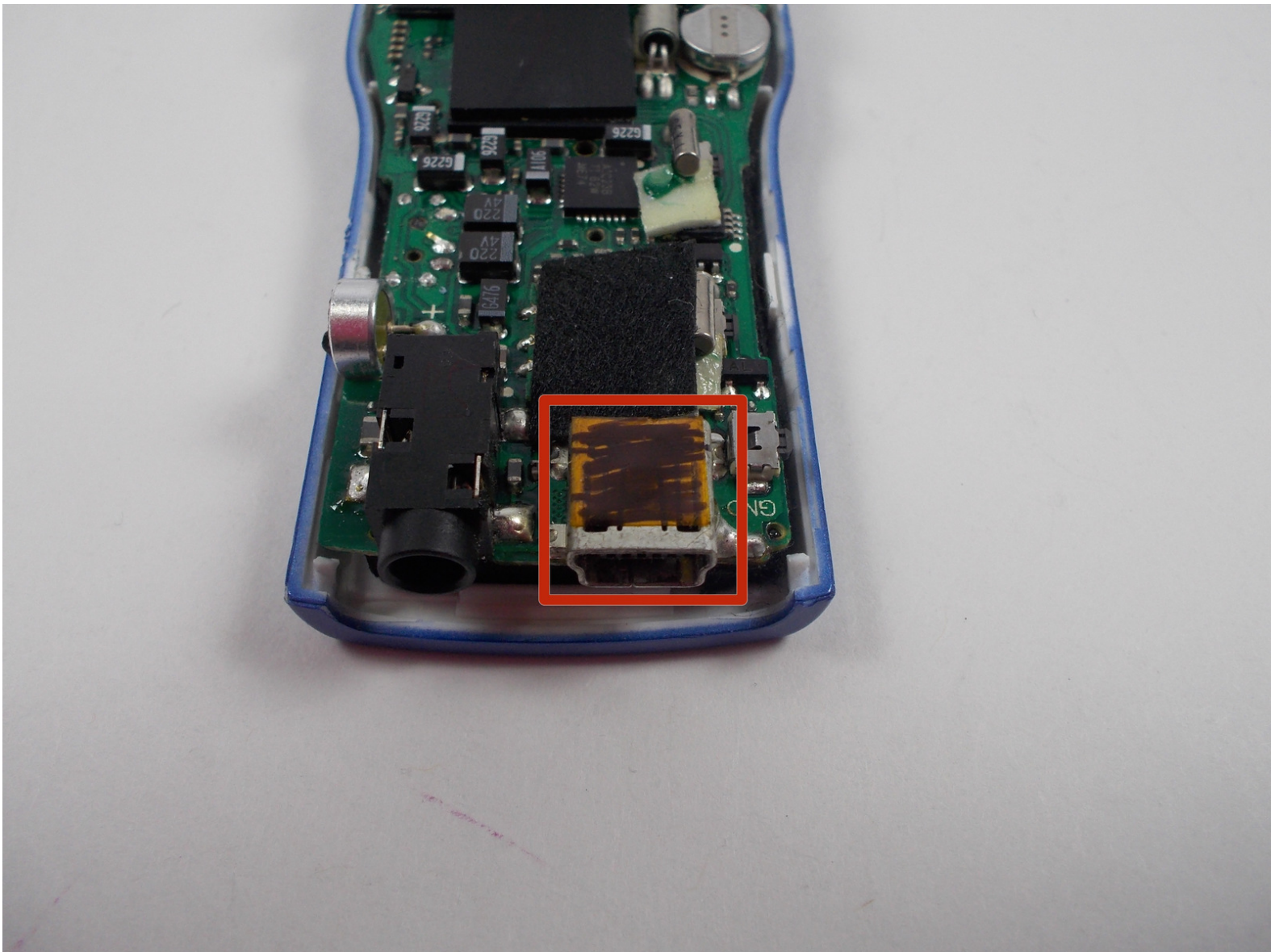




Sandisk Sansa m230 Series mp3 player USB Jack Replacement

Is your device not connecting to your music library/computer properly? There likely is an issue with your USB jack. Follow this guide to fix such an issue.

Written By: James Thorne



INTRODUCTION

This guide can help those that are experiencing difficulty with connecting their device to a computer via a USB cable.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Soldering Workstation](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

- [Sandisk Sansa m230 Series mp3 player replacement USB Jack](#) (1)
-

Step 1 — Sandisk Sansa m230 Series mp3 player Teardown



- Locate and remove the screw on the bottom of the device. The screw is next to the battery compartment lid.

Step 2




- Remove the battery compartment cover.
- Then remove the battery. You'll need both the cover and the battery out of the way in the next step.

Step 3



- Now gently pry the two halves of the case apart.
- There are several interlocking pegs located along the edge of the device's casings. These are all that hold the two halves of the case together, barbaric though that may sound.
- Pry the pegs apart one at a time, working your way around the case.

 Be careful when prying apart the pegs: they are made of plastic, and you don't want to break them.

Step 4



- The two halves of the case won't want to be separated at first. That's because the battery contact springs are in the way.
- Push the battery contact springs down through their respective holes in the case. Now the case will come away freely.

Step 5 — Remove battery compartment cover and battery



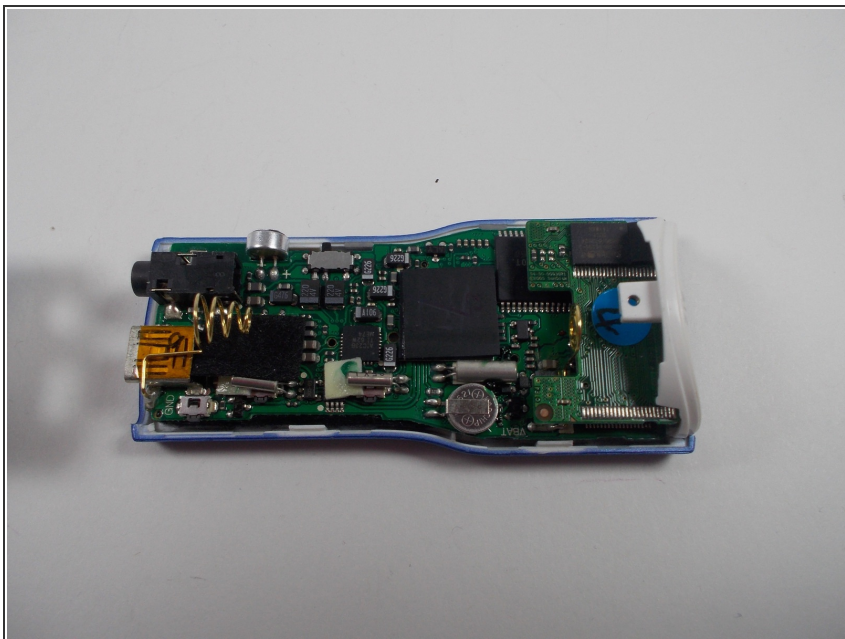
- Remove the cover to the battery compartment.
- Remove the battery. You'll need both cover and battery out of the way for the next step.

Step 6



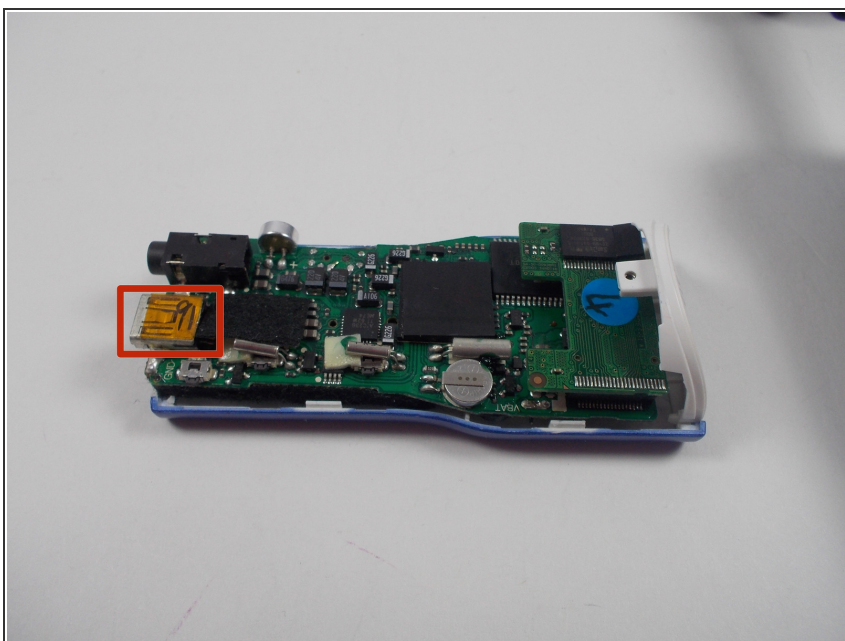
- The part of the casing which houses the USB Jack and headphone jack is the final part which will have to be pried.
- Two clips are the only thing holding this portion of the casings together.
- Once again, gently pry the two outer casings apart by pulling them away from one another.

Step 7



- You now have access to all components found on the inside of the device!

Step 8 — USB Jack



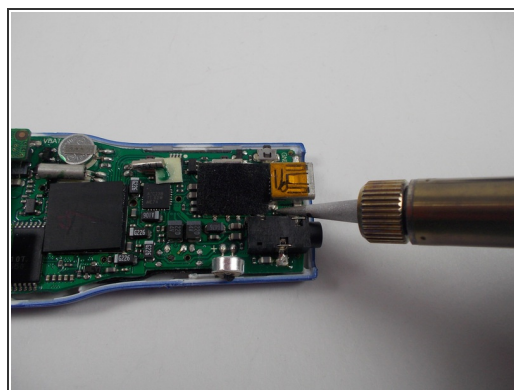
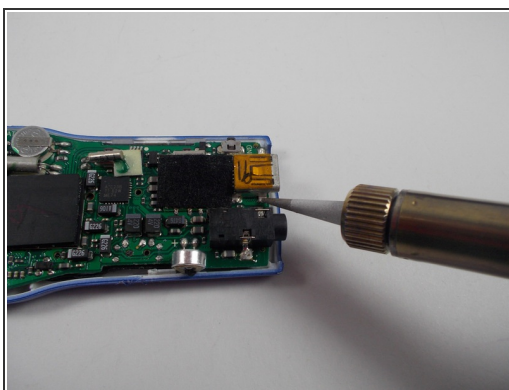
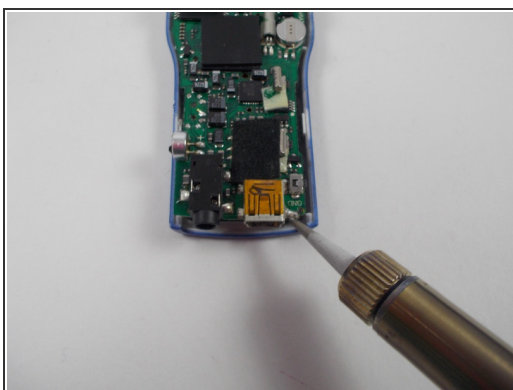
- Locate USB jack on the motherboard.

Step 9



- Find the soldered connections shared between the USB jack and the motherboard.


Step 10



- Use the soldering iron to liquefy the solder connecting the USB Jack to the motherboard.

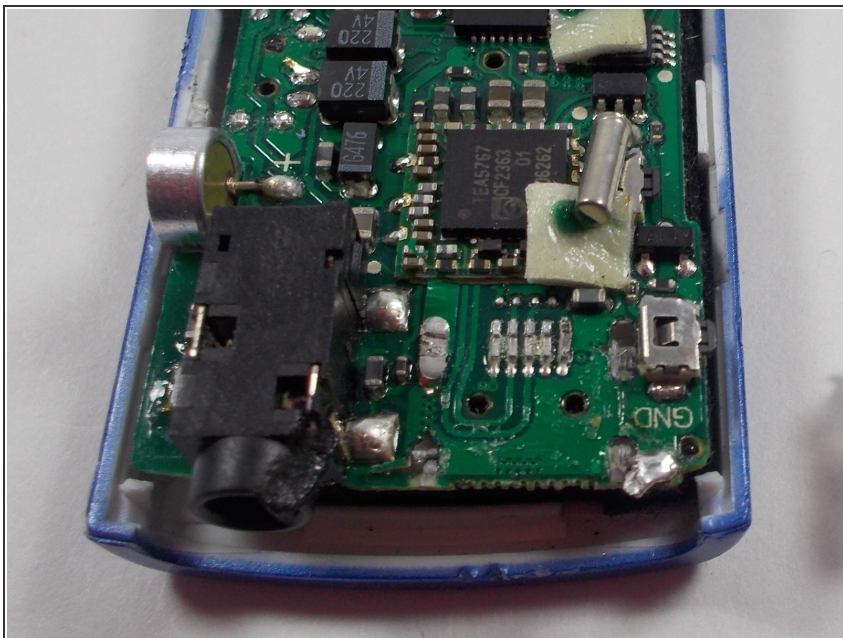
Step 11



 The solder and soldering iron will be very hot at this time. Do not touch unless wearing protective gloves as you will be burnt.

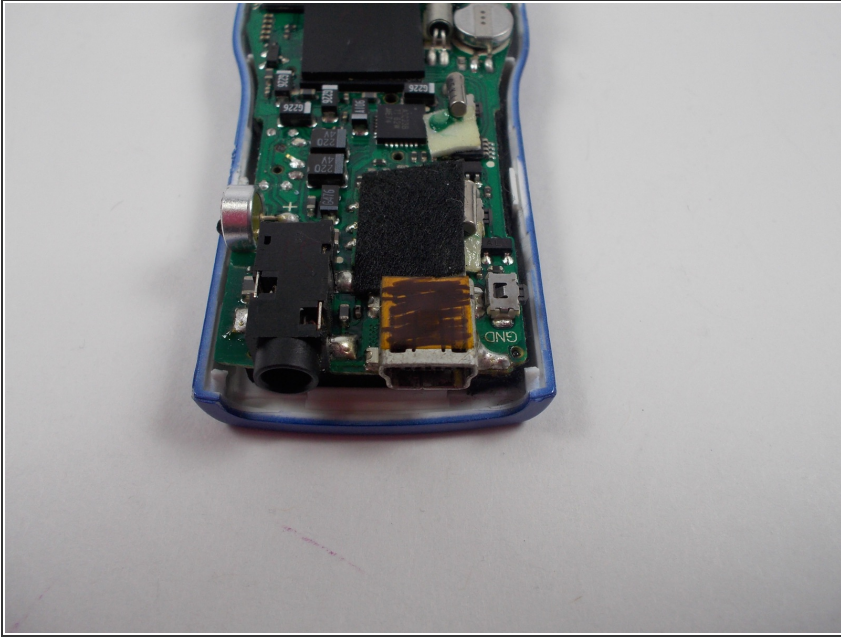
- Be sure to always elevate the hot end of the soldering iron on a metal stand to prevent incidental burns.

Step 12



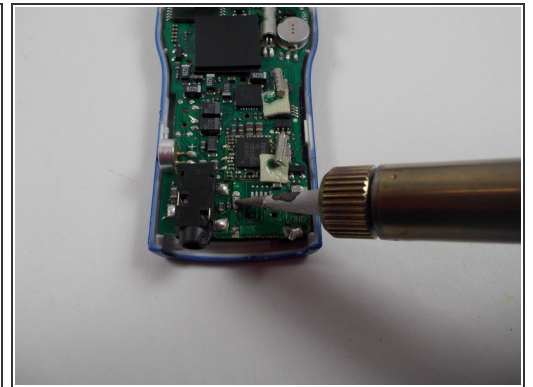
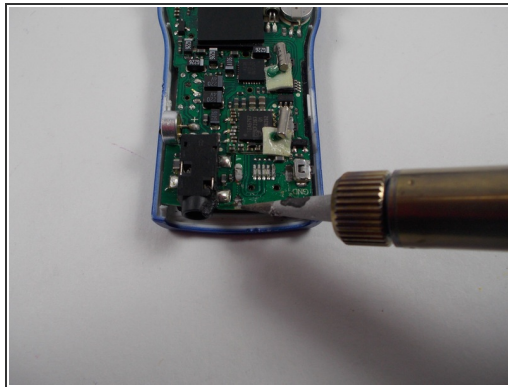
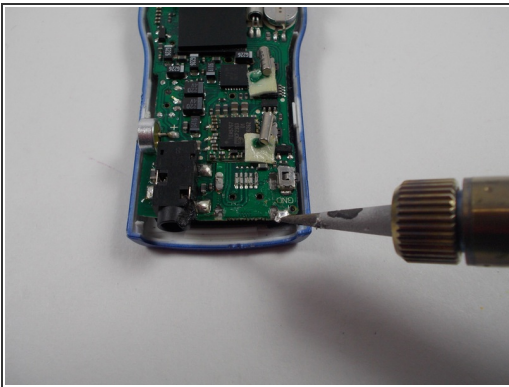
- Remove faulty USB jack from motherboard.

Step 13



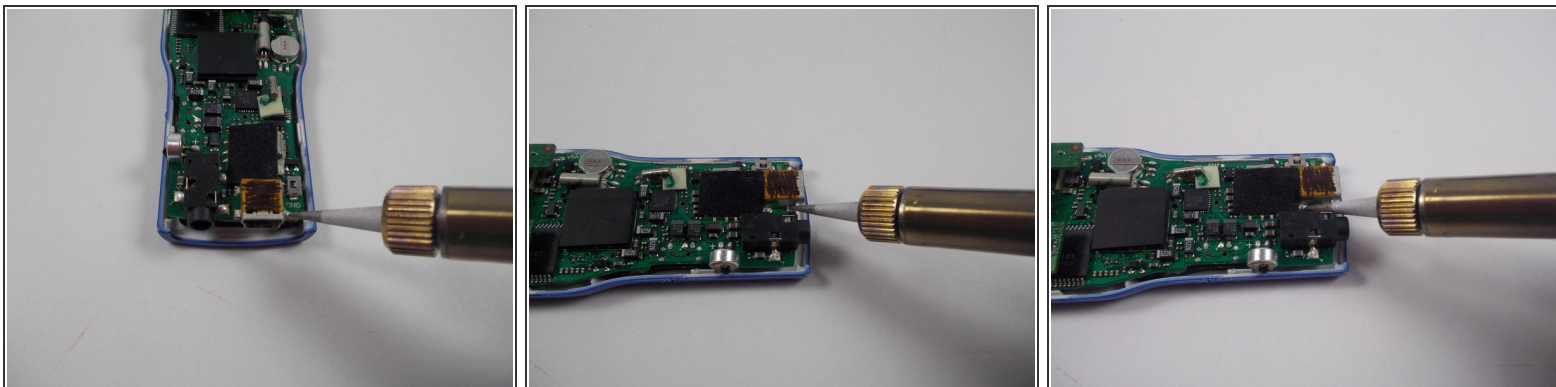
- Replace faulty USB jack with a new one.

Step 14



- i** There may be some solder in the way of the USB jack's metal contacts. If this occurs simply melt the solder to create room for the contacts.

Step 15



- With the new USB jack in place, use the soldering iron and solder to create a stable connection between the motherboard and USB jack.
- Be sure to allow the new solder to cool and harden.

To reassemble your device, follow these instructions in reverse order.

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